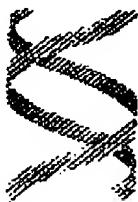


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HUMAN GENOME SCIENCES INTELLECTUAL PROPERTY DEPARTMENT

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FAX COVER SHEET

DATE: August 20, 2004

TOTAL NUMBER OF PAGES: 18

TO: Examiner P. Duffy
Art Unit 1645
United States Patent & Trademark Office

FAX NO.: (703) 872-9306

PHONE NO.: (571) 272-0855

FROM: Mark J. Hyman (Reg. No. 46,789)

RE: Application of: Choi et al. Attorney Docket No.: PB340P2C3
Application No.: 09/765,271 Filed: January 22, 2001

The following documents were filed by Human Genome Sciences, Inc.
via facsimile on August 20, 2004:

1. Fax Cover Sheet
2. Fee Transmittal Sheet
3. Petition for Extension of Time
4. Amendment and Reply Under 37 C.F.R. § 1.111
5. Terminal Disclaimer
6. Certificate of Transmission

If you experience any difficulty receiving this transmission,
please contact Mark J. Hyman at (240) 314-1224.

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FEE TRANSMITTAL for FY 2004

Effective 10/07/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 220.00)

Complete if Known	
Application Number	09/785,271-Conf. #9691
Filing Date	January 22, 2001
First Named Inventor	L. Sydner Johnson
Examiner Name	P. A. Duffy
Art Unit	1645
Attorney Docket No	PB340P2C3

METHOD OF PAYMENT (Check all that apply)

Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number **08-3425**

Deposit Account Name **Human Genome Sciences, Inc.**

The Director is authorized to. (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)		0.00	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
43	43	-65** =			0.00
5	5	-8** =			0.00

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	Claims in excess of 20	
1201 88	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)		0.00	

** or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	110.00
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or 6,880*)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	3810 385	For each additional invention to be examined (37 CFR 1.129(p))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)	1814 Statutory Disclaimer		110.00
Reduced by Basic Filing Fee Paid		SUBTOTAL (3) (\$)	220.00

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Mark J. Hyman	Registration No (Attorney/Agent)	46,789
Signature	<i>Mark J. Hyman</i>	Date	August 20, 2004